



Paul Galat BA, MS
Department of Justice
Drug Enforcement Administration
Office of Forensic Sciences

Senior Forensic Chemist
South Central Laboratory
Dallas, Texas

AREA OF EXPERTISE

Forensic Discipline

Seized Drug Analysis

Expert Testimony

03/05/19 US District Court Albuquerque, NM
03/19/19 US District Court Albuquerque, NM
04/16/19 US District Court Sherman, TX US vs Ceballos
07/16/19 US District Court Houston, TX US vs Meyer
07/23/19 US District Court Amarillo, TX US vs Landeta
07/30/19 US District Court Amarillo, TX US vs Rodriguez
08/14/19 US District Court New Orleans, LA US vs Alexander
10/30/19 US District Court Fort Worth, TX US vs Echarte-Rivero
09/16/20 US District Court Midland, TX
01/12/21 US District Court Midland, TX US vs Ruiz
08/03/22 US District Court Midland, TX US vs Godsey
09/13/22 US District Court Lubbock, TX US vs Powdrill
09/21/22 US District Court Del Rio, TX US vs Sanchez
12/15/22 US District Court Plano, TX US vs Dejesus-Rivera

Testified in Federal and State Court more than 85 times. Areas Include Forensic Chemistry, Clandestine Laboratory Enforcement and Trace Evidence Collection.

PROFESSIONAL EXPERIENCE

Drug Enforcement Administration

Senior Forensic Chemist, South Central Laboratory, Dallas, TX, 2006 - Present

Conducts analysis to identify and quantitate controlled substances on over 11,000 drug exhibits of various types.

- Provides expert witness testimony and technical guidance to prosecution in state and federal court.
- Performs maintenance and repair on laboratory instrumentation, including Gas Chromatographs with Flame Ionization Detectors (GC/FID), High Performance Liquid Chromatographs (HPLC), Gas Chromatographs with Mass Spectrometers (GC/MS), etc.
- Provides field support to DEA Special Agents by sampling and processing clandestine laboratory evidence and trace evidence collection using Ion Mobility Spectroscopy (IMS)

Forensic Chemist, South Central Laboratory, Dallas, TX, 1998 - 2006

- see Senior Forensic Chemist duties, described above

Training Officer, South Central Laboratory, 2001-2010

- Trained new Forensic Chemists in using scientific instruments and DEA procedures to analyze controlled substances.

EDUCATION AND CERTIFICATIONS

Degree Program(s)

Michigan State University East Lansing, Michigan

- Masters of Science in Criminal Justice with Specialization in Forensic Science 2000
- Bachelors of Arts in Chemistry 1997

Drug Enforcement Administration

- Forensic Chemist Basic Training Program 1999
- Clandestine Laboratory Investigation/Safety Certification Program 1999

Certification(s)

South Central Laboratory Dallas, Texas

- Clandestine Laboratory Investigations, yearly

PROFESSIONAL AFFILIATIONS

- Clandestine Laboratory Investigating Chemists (CLIC), Member 2007-2009

PRESENTATIONS AND LECTURES

Clandestine Laboratory Demonstration for National Methamphetamine Awareness Day

- Explained and demonstrated the nazi process, 2006

Career Day Presentations

- Local High School and Elementary Schools 2004, 2009, 2010, 2012, 2016, 2017

News Programs

- KFOX14 FOX El Paso, TX "Where do drugs seized in El Paso go?" Demonstrated fentanyl testing procedures at the laboratory aired November 2, 2022
- KSAT12 ABC San Antonio, TX "What is Fentanyl, KSAT Explains" Demonstrated fentanyl testing procedures at the laboratory aired November 14, 2022

PUBLICATIONS

- Gay M, Detulio A, Galat P. Detecting Heroin in the Presence of Cocaine Using Ion Mobility Spectrometry. International Journal for Ion Mobility Spectrometry, 2000 Mar;(1): 38-42.
- "Interpreting Ion Mobility Spectrometry Plasmagrams of Heroin and Cocaine"
Presented at Michigan State University, Masters Thesis 2000